

OSCILLATOR

OTVARC



Oregon Tualatin Valley Amateur Radio Club (Est. 1978)

July 1999

PRESIDENT'S MESSAGE

By Betty, N7REX

It is hard to believe that half of the year has gone by. By the time you read these words, both Sea*Pac and Field Day will be history. Also another 5th Wednesday contest. Hope you all were able to participate in at least one or two of these activities.

Thanks to the perseverance of Janet Bell, WB7FJC, we have a new home for the OTVARC emergency trailer. We wish to thank the TVF&R Training Center in Aloha for the temporary storage. The trailer will now be stored at the Beaverton's East Precinct on Milicam Way.

Speaking of Beaverton, 'Taste of Beaverton' is coming soon and the club has an opportunity to share with the general public what we do for emergency and public service. See Janet at the next club meeting to volunteer. If you have pictures or ideas for a poster to put up as an advertisement for the club, bring those to July's meeting as well.

One of the biggest OTVARC campout is coming up in July. It is the annual Skamokawa BBQ. The food is always good and the company is great and the ship watching is enjoyable as well. Come for the weekend or just for Saturday. The dates are July 16-18 and the wagonmasters are Roger and Marvel Noyes (292-3261).

If you want to get involved in public service check the list in this month's newsletter and contact the people in charge. I still need volunteers for all of the events I am in charge of. I will need moral support as well, it is hard to carry on without Chuck. We made the choice to continue to be involved this year knowing that Chuck would either be very disabled or gone when the events took place. I think in his own way he was still trying to take care of me by making sure that I had things that I had to spend time planning for and doing. Help if you can.

Have you checked your schedule, do you have a free bed, can you put up a Fars contestester????? If so, contact Dale Mosby, K7FW. If you have an opportunity to get involved, please do

so. Volunteers are still needed on site for the games too.

September is just around the corner with its tailgate swap meet and the regional picnic. Come to the next meeting with ideas for how we as a club can improve these activities.

The recurring theme of my messages has been 'GET INVOLVED.' The club tries to provide a multitude of opportunities for new and experienced amateur operators. If there are other things you would like to see the club involved in, let us know. 73, Betty OTVARC

NEXT MEETING WEDNESDAY, JULY 14TH

Our speaker will be Hank Lonberg, KR7X. His presentation will be about the Contest Expedition to Pantellena Island, IH9P, off the coast of Tunisia. The island is about 40 miles off the coast of Tunisia and 80 miles from Sicily. It is an Italian possession and for the CQWW contest it counts as Zone 33 — Africa. It was a Field Day type of operation and the team placed 5th in the world for the 1998 CQWW SSB contest.

Hank's interests are expeditions and contesting and he has operated multi/multi and multi/single contests from IH9P, W7RM, K9JF and K7FR.

He is a Structural Engineer by Degree and holds professional engineering licenses in 8 states and 2 Canadian provinces. He provides engineering assistance to local hams who are applying for antenna tower permits and dabbles with some of the digital modes.

He can be found mostly on HF, both CW or Phone, during contests either at home or, hopefully, some exotic locale.

I've heard Hank speak, and I know you will enjoy his interesting presentation.

W7OTV 146.960(RPTR)/147.540(S)

WWW.OTVARC.

OTVARC LUNCH BUNCH

By Harold, WB0BRU

Our July lunch get-together will be at the *HELVETIA TAVERN*, located at 20275 NW Helvetia Road. The telephone number is 647-5289. We will meet at 1:30PM on the 17th of July (3rd Saturday).

To get there, go west on Hiway 26, past Cornelius Pass Road and turn off at Helvetia Road – Helvetia Road is about one and one-half mile west of Cornelius Pass Road at an overpass interchange.

Go north on Helvetia Road about 2 miles – the tavern is on the left just after you pass under the railroad overpass. We will be in the dining room – off the tavern area.

The food is world famous and the building is a part of history.

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THE 1999 CHUCK MICKLEY MEMORIAL SCHOLARSHIP

By Carl, WS7L

Congratulations to Jack Loffin, KC7CGK,
our 1999 recipient.

Jack, a 1999 graduate of McMinnville High School, was first licensed in 1994 and has been an active ham ever since. He was awarded his Extra Class license in 1995.

Jack is a past Vice President of the McMinnville Amateur Radio Club, and has been an avid participant in their transmitter hunting activities. He has pursued his interest in Amateur Radio Direction Finding (ARDF) much further, representing the United States in ARDF world championship competitions in Japan and Hungary. You'll see him on page 29 of the May 1999 QST, running across the finish line of the 80 meter competition in Hungary.

Jack stays active with ARES and was instrumental in setting up amateur radio communications at the Yamhill County Emergency Operations Center and managed operations at that station during the storms of '95 and '96. This, plus his other work as a cadet commander with the Yamhill County Sheriffs Office, has earned him a position of respect and trust in the department.

He is extremely active in public service activities, being a certified Rescue Diver, Marine Cadet on boater safety patrol, permanent team leader for Yamhill County search & rescue, and a cadet commander in the Civil Air Patrol.

He has also taught computer classes, set up computer networks for the school district, and taught several Amateur Radio classes. He is employed by the Yamhill Education Service District as a technician in Electronic Services.

Jack has earned recognition for his strong academic standing, receiving several academic awards and being named to the National Honor Society. He will major in Biology at Oregon State University in the fall, where he plans to learn a lot about DNA fingerprinting. He looks forward to a career in law enforcement, and has his sights set on working in a forensics laboratory.

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EASY OPERATION OVERSEAS NOW A REALITY FOR US HAMS

From The ARRL Letter

The FCC has implemented the European Conference of Postal and Telecommunications Administrations (CEPT) Recommendation T/R 61-01 that eliminates the need to obtain a special license or permit for US hams wishing to operate during brief visits to most European countries. In addition, the ARRL has begun issuing International Amateur Radio Permits to simplify operation by US hams in certain South American countries.

The FCC put the final pieces of the CEPT arrangement into place June 7 by issuing a Public Notice in English, German, and French that spells out the basic information about Amateur Radio operation in CEPT countries. To operate in a CEPT country, US hams only need a copy of the Notice, their original Amateur Radio document, and proof of US citizenship (a US-issued passport or a birth certificate should suffice).

US hams holding any license class but Novice, are eligible to operate in CEPT countries. A US citizen with a Technician ticket may be authorized privileges equivalent to a CEPT Class 2 (ie, VHF-only) license, while a US citizen holding a higher class license may be authorized CEPT Class 1 (ie, all amateur and amateur-satellite) privileges.

The authorization is for use of a portable or mobile station only, including stations set up at hotels or a camping site. Authorization is also granted for US hams to operate the stations of permanent licensees in host countries. The use of Amateur Radio aboard an aircraft is not allowed, however.

To identify while overseas, US stations will use their assigned call signs preceded by the CEPT call sign prefix for the country or territory visited. US licensees operating under this agreement overseas cannot request protection against harmful interference.

Operators must abide by the provisions of the ITU Radio Regulations as well as CEPT Recommendation T/R 61-01 and the regulations in force in the host country. US operators planning to operate in other countries must become familiar with that country's regulations and frequency allocations, paying special attention to regional differences.

Participating CEPT countries as of June 7 include Austria, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France (including Corsica, Guadeloupe, Guiana, Martinique, St Bartholomew, St Pierre et Miquelon, St Martin, and Reunion/Dependencies), Germany, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Monaco, Netherlands, Norway, Portugal, Romania, Slo-

(Continued on page 3)

BORSCH ELECTRONICS

Communications Servicing

9935 S.W. Johnson St.
Tigard, OR 97223

Joe Borsch W7PNS

(503) 684-5201

(Continued from page 2 - OVERSEAS OPERATION NOW EASY)

vak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, and the United Kingdom (including Great Britain, Northern Ireland, the Channel Islands, and the Isle of Man).

The ARRL has begun issuing the International Amateur Radio Permit (IARP) that allows US amateurs to operate from Argentina, Brazil, Peru, Uruguay, and Venezuela without having to obtain a special license (the US and Canada also are CITEL signatories). The IARP is valid in any country that is a signatory to the CITEL Amateur Convention.

The Class 1 IARP – available to Tech Plus and higher class licensees – requires knowledge of Morse code and carries all operating privileges. The Class 2 IARP – equivalent to the US Technician ticket—does not require knowledge of Morse code and carries all privileges above 30 MHz. An IARP is not a license, but it certifies the existence of a license.

Complete information on CEPT and IARP operation, including an IARP application form and a copy of the FCC Public Notice on CEPT, is available from the International Operating page on ARRLWeb, <http://www.arrl.org/field/regulations/io/>.

The new procedures affect operation only in participating CEPT (European) and CITEL (Central and South American) countries. They do not change the procedures for US hams wishing to operate overseas in countries that are not CEPT participants or CITEL Amateur Convention signatories. Information on operation from these countries also is available on the pages of the ARRL web.

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THE ANSWER IS OUT THERE

From the ARRL letter, by Mark, WM7D

Interested in the search for extraterrestrial intelligence (SETI)? Have a computer in your shack? Then perhaps you might be willing to give up some CPU cycles to participate in the SETI@Home project.

The idea is this: You download a client application from the SETI@Home Web site, <http://setiathome.ssl.berkeley.edu/>, and after a little configuration, your computer is analyzing 2 MHz of radio spectrum that was recorded at Arecibo.

The best part is that you can configure the application to run only when your system is idle. You can also interrupt the application at any time, and it will pick up where it left off the next time you start it.

Who knows? Perhaps your computer will be the one that detects the signal that confirms the presence of other intelligent life in our universe.

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ARDF TEAM USA ISSUES FINAL CALL FOR PARTICIPANTS

From The ARRL Letter

ARRL ARDF Coordinator Joe Moell, K0OV, says time is running short to join Team USA and participate in the first IARU Region 2 Amateur Radio Direction Finding Championships this August. "Foxhunters of all ages are needed to fill the team rosters and represent the US in friendly competition in a field of ARDF contesters from all three IARU regions," he said.

The big event is August 9-14 in Portland, Oregon. The competition will be part of the sixth biennial Friendship Radiosports Games and is sponsored by the Friendship Amateur Radio Society. Countries planning to send ARDF teams include Russia, Ukraine, France, Sweden, Norway, Kazakhstan, Japan, and China.

Moell says this will mark the first time that hams from so many countries will gather for a radiosport activity on US soil. The Team USA roster already has 14 members. "Some of them are serious runners, but most are just hams with an interest in transmitter hunting and enough stamina to spend two hours in the woods doing it," he says.

Since no transmitting is involved on the part of the contestants, a ham radio license is not a requirement for participation in ARDF.

Application forms for Team USA should be filed by June 15. For a form and more information, visit the Team USA page of the Homing In Web site, <http://www.homingin.com>. If you do not have Web access, send Moell an e-mail message, and he'll reply with a blank form and answer any questions about Team USA. Send inquiries to: TeamUSA@aol.com.

ARDF chat sessions on 75 and 40 meters will begin Friday, June 11, and continue each Tuesday and Friday for as long as there is interest. Nets on 7165 kHz are at 0330 and 0430 UTC; nets on 3830 kHz are at 0400 and 0500 UTC.

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GOOD MORNING, STARSHINE!

From The ARRL Letter

NASA's Pat Kilroy, WD8LAQ, and other Goddard Space Flight Center Starshine employees and Naval Research Lab Project Starshine members got a chance to visually spot the Starshine satellite shortly after it was released June 5 by the shuttle Discovery. Armed with some International Space Station sighting predictions he'd worked up, Kilroy and others gazed skyward from a Goddard parking lot in the early morning hours. "Patience and persistence paid off," he said.

The group saw Discovery first. Then, within a few degrees of the shuttle, "we observed a star flash from out of nowhere that got as bright as Venus is just after sunset. Starshine sighted!"

The mirror-covered satellite – which resembles a 1970s disco ball – is designed to catch the sun's light and reflect it to Earth. The satellite's 900 mirrors were polished by students.

NASA has estimated that as many as 25,000 youngsters in elementary through high school will plot the satellite's orbit and use their observations as part of their science and mathematics studies, as part of Project Starshine.

Hams are being asked to help out with Project Starshine. Students will need to record the exact time they see the satellite and measure the satellite's right ascension and declination. They will have to use stopwatches synchronized with international time signals—radio stations WWV in Colorado and WWVH in Honolulu.

Since most students don't own shortwave receivers, Project Starshine Director Gil Moore, N7YTK, has asked hams across the US offer their help with this volunteer, non-governmental project. Start by clicking on "Participating Schools" on Project Starshine's Web site, <http://www.azinet.com/starshine/index.html>

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GOVERNOR'S PROCLAMATION

From: Tami Burroughs, KB7HEK

Ed. - The Governor signed this Proclamation on the 9th of June, 1999

From the Office of the Governor for the State of Oregon...

OFFICE OF THE GOVERNOR - PROCLAMATION STATE OF OREGON

WHEREAS: Amateur Radio Operators are often the first to provide communications during an earthquake, fire, flood or other disaster; and

WHEREAS: the more than 1,000 Oregon members of Amateur Radio Emergency Service have provided 24 hour emergency communications to fire and police agencies during winter floods, and to the American Red Cross and forest service agencies during summer fires; and

WHEREAS: members of the Amateur Radio emergency Service and other Amateur Radio organizations are always on the alert for any emergency, local or world-wide, and practice their communication skills during the American Radio Relay league's Field Day exercise; and

WHEREAS: Amateur Radio Operators also provide needed communications for local events such as walkathons, bikeathons, the Special Olympics, various parades, rodeos and other events; and

WHEREAS: Amateur Radio Operators, licensed by the Federal Communications Commission, donate these services free of charge to their communities, in the interest of all citizens; and

WHEREAS: the State of Oregon is proud of the dedication of its Amateur Radio Operators and wish to recognize and pay special tribute to them on this occasion.

NOW, THEREFORE, I, John A. Kitzhaber, Governor of the State of Oregon hereby proclaim June 26 and 27, 1999 to be AMATEUR RADIO AWARENESS DAYS in Oregon and encourage all citizens to join in this observance,

IN WITNESS WHEREOF, I hereunto set my hand and cause the Great Seal of the State of Oregon to be affixed. Done at the Capitol in the City of Salem in the State of Oregon on this day, June 9, 1999.

[SEAL]

[Signature]

John A. Kitzhaber, Governor

[Signature]

Phil Keisling, Secretary of State

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FOOD FOR THOUGHT!

I never learn anything when I am talking.
I only learn things when I ask questions.

Lou Holz

HOLLINGSWORTH ON OBSCENITY

From the Radio Amateur Newslite

The FCC's Riley Hollingsworth says that the agency is not out to control or regulate general changes in society. But in those instances where these changes impact on legal operations by radio amateurs it will catch the FCC's eye.

Asked at the Dayton Hamvention FCC forum what his agency is doing about hams who use consistently use off-color language, Hollingsworth said that bad language usually signifies other problems exist as well: "Some people say manners are not as good, language is worse than it was and a forum with the time we have is not the place to get into specific words.

But there is specific language and specific descriptions in the communications act and in the rules that are more specific than people think as far as what would be allowed. And usually in a case where there is obscenity like this that's not the only problem that you have. You have jamming, malicious interference, no control whatever."

Riley Hollingsworth also says that the FCC has the legal right under Section 308 of its rules to request clarification of any language transmitted. He says he has already invoked that rule in one unspecified case.

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ANTI-SMUT LAW RULED CONSTITUTIONAL

From the Radio Amateur Newslite

At about the same time that Hollingsworth was ruling that a new federal law aimed at limiting e-mail smut does not violate free-speech rights. This could have a direct impact on hams who use public e-mail and other internet postings to defame other radio amateurs.

The court's unanimous decision rejected Apollo Media Corp.'s argument that one part of the Communications Decency Act of 1996 threatens free-speech rights. The challenged provision of the law makes it a crime to transmit a 'communication, which is obscene, lewd, lascivious, filthy or indecent with intent to annoy, abuse, threaten or harass another person.'

Hams and others who use inflammatory e-mail postings that fall under that law could conceivably find themselves dragged into court to defend the content of their messages.

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PRB-1 BILLS ACTIVE IN SEVERAL STATES

From the ARRL Letter

Bills to incorporate the essence of the limited federal preemption known as PRB-1 into state law are active in several states.

A bill in Maine has just been signed by the Governor there. Oregon's PRB-1 bill, Senate Bill 879, just cleared the state Senate by a 26 to 3 margin and has been sent on to the House of Representatives for action.

(Continued on page 5)

(Continued from page 4 - ANTENNA BILL)

Rules, Elections and Public Affairs Committee and their own Representatives to urge speedy and positive action on the measure.

In Louisiana, HB 2088 has passed the House is headed for the Senate. It would limit the authority of local governing bodies to regulate amateur radio antennas. Wisconsin, Idaho, Kansas, Minnesota, and Mississippi are in the planning stages of similar measures.

States that already have this type of legislation include Texas, New Hampshire, Florida, Massachusetts, Wyoming, Virginia and Washington.

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VE TESTING UPDATE

By Carl WS7L

Two sessions were held in the month of June. OTVARC sponsored the session at SeaPac on 5 June where we had 24 applicants with a total of 43 exam elements administered.

We issued 2 Tech licenses, 4 Tech Plus, one 12-year-old female 20 WPM General, 2 Advanced and 2 Extras. This was the largest session we've done so far. It went reasonably well - no mistakes were made that couldn't be corrected easily on the spot - although I did find numerous areas for improvement that I will put into practice.

Our team can be proud of what we accomplished. I would like to share the comment I received from ARRL HQ that the session paperwork was very well done and a pleasure for them to process. I'd also like to note that this was the first exam session for OTVARC's newest VE, Claire Johnson, KC7PMW. My thanks to the whole team for a job well done.

On 12 June we held a session in Aloha. This is the first time we've had a 100% success rate. Well, we only had two applicants, both earning their first licenses. We issued one Tech and one Tech Plus.

The remaining sessions for '99 are scheduled in Aloha for 7 Aug, 2 Oct, and 4 Dec.

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NEXT SAREX MISSION COULD FLY JULY 22

From The ARRL Letter, BY Frank, KH3HDO

The next Space Amateur Radio EXperiment mission - and the only one scheduled for 1999 - could launch July 22 aboard shuttle Columbia mission STS-93. However, that date is said to be still "under review." Officially, NASA says that STS-93, which will carry the Chandra Observatory into orbit, will go up "no earlier than July 20." It has been delayed several times already.

The STS-93 Mission Commander is Eileen M. Collins, KD5EDS. Also aboard will be Mission Specialist Michel Tognini, KD5EJZ, and Mission Specialist Catherine G. Coleman, KC5ZTH. Students at five schools - in Texas, Rhode Island, Virginia, and Florida - are on the list to talk to the STS-93 crew via Amateur Radio. Voice and packet radio operations are scheduled for this mission.

The list of schools includes Awty International School, Houston, Texas; Buzz Aldrin Elementary School, Reston, Virginia;

Ormond Beach, Florida.

In the meantime, the Amateur Radio on the International Space Station (ARISS) team is busying itself with the development and qualification of hardware for the ISS. ARISS is expected to deliver the initial station hardware to the ISS in July for launch aboard shuttle mission STS-101 in December.

The hardware package - basically dualband H-Ts and associated antenna systems - is being assembled and qualified by a multinational team with members from Russia, Italy, Germany and the US. More sophisticated transportable ham gear will be delivered to the ISS in late 2000 or early 2001. A rack-mounted permanent station is expected to be launched in 2003 or 2004.

The ISS initial station could be on the air as early as December, and regular operation is expected in March of next year - a little more than nine months away!

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LOCAL AREA VE TESTING SITES

From Editor, W7FBP

Phantom Amateur Radio Club (PARG)

Second and Fourth Sunday of each month

Contact John, KA0SSF, at 503-626-7399

McMinnville Amateur Radio Club

Monthly on Wednesday evenings

Call Mike Jones, AB7OE, at 503-864-3291

Clark County Amateur Radio Club

Contact 360-896-8909

Portland Adventist Radio Club

Contact Patsy, W7PAT, at 503-668-4305

Oregon Tualatin Valley Amateur Radio Club (OTVARC)

Call Carl Clawson, WS7L, at 629-5796.

The next test session will be on 7 August, with following sessions on, 2 October and 4 December. All are on Saturdays at 1pm, in the Tualatin Valley Fire & Rescue Building, 20665 SW Blanton, Aloha.

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NEW SATERN WEST NET DIRECTOR NAMED

From Amateur Radio Newsline

Paul Caver, NN7B, has been appointed as the Western Territory Net Director for the Salvation Army's SATERN program. He succeeds *Russ Fillingner, W7LXR*, who handled the assignment on an interim basis. (Ed.-Russ is an OTVARC member)

Caver will be responsible for SATERN High Frequency operations throughout the Western US. He also serves as the Nevada State Coordinator for SATERN.

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HOW TRUE

If it wasn't for the *last minute*, a lot of things wouldn't get done!

SPOKANE HAMFEST, K7S ARRL EASTERN WASHINGTON SECTION CONVENTION AND COMPUTER/ELECTRONICS FAIR

(And home of the famous Saturday night
STEAK DINNER)
Via E-Mail

WHEN: August 7-8, 1999; doors open Saturday, 9AM-5PM, Sunday, 8AM-Noon; commercial setup August 6, 6PM-9PM; Steak Dinner Saturday, 6PM; Open-Cry Auction Sunday, 9AM; VE Testing Sunday, 8:30AM; Raffle Drawing Sunday, 11AM.

WHERE: University High School, 10212 E. 9th Ave, Spokane, WA. Talk-In: 147.38+MHz and 146.52 MHz; off-street parking for cars & RV's.

WHAT: Open-Cry Auction for all your "boat anchors"; Special Event Station, K7S; Famous Saturday Night Steak Dinner; Foxhunts; Seminars - Antenna Construction, Surface Mount Technology, Satellite/EME/Weak Signal, KB1HY, Tour of ARRL Headquarters, ARRL Forum, ARES/RACES, ARRL & W7ROL's Instructional Videos; Hewlett Packard HT Testing; VE Testing; Field Checking for DXCC; Bingo; Grand Prize ICOM 706 MKIIG, 2nd prize Yaesu Dual-Band HT VX-1R, 3rd prize MFJ HF/VHF SWR Analyzer, plus hundreds of outrageous door prizes; non-stop snacks.

WHO: Sponsored by The Kamiak Butte Amateur repeater Association, Spokane Radio Amateurs, NW Tri-State ARO, Palouse Hills ARC, and Inland Empire VHF Club; for general info contact Neil Gallup, N7LVO, 509-928-7442, (n7lvo@cet.com) or Betsy Ashleman, N7WRQ, 509-448-5821 (n7wrq@aol.com); Website <http://www.ica.com/~n7utg>; Tables, Scott Lasater, KJ7YX, 509-926-5758; Auction, Marty Hibbs, WB7RBJ (mhibbs@cet.com); Special event Station, Ed Crosby, W7UJ (w7uj@iceway.com), VE Testing, Betsy Ashleman, N7WRQ (n7wrq@aol.com)

REGISTRATION

Name _____

Call _____

Mail _____

\$ _____ Registrations @\$5 each

Children under 12 free.

\$ _____ Swap tables @\$10 each, first come first serve. Admission not included in table price.

_____ Sellers badges (limit 3 per table)

\$ _____ Steak Dinners @ \$6.50 each

(limited number sold at door)

\$ _____ Total

Please make checks payable & mail to : KBARA, 9806 E. Crossbow Ct., Spokane WA, 99206. No admission charged if attending license testing only; cutoff for early registration is July 7th.

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2.4 GHZ CORDLESS PHONE: AN EAVESDROPPER'S DELIGHT

From the Amateur Radio Newsline

When is a supposedly private telephone not really private? It's when the claims of privacy are not exactly what the advertising says.

Bob Gonsett's CGC Communicator details research that shows conversations on Panasonic's new 2.4 GHz model KXTG 210 cordless phone to be easily decipherable. Doing so only requires a 900 MHz scanner adjusted to the wideband FM mode.

According to Gonsett, the problem lies with the cordless handset. It transmits back to the base station on 900 MHz, not 2.4 GHz.

Gonsett says the fact that speech can be heard clearly on an ordinary scanner is disturbing. It also raises the question of just how private conversations are on some other so-called scrambled cordless phones.

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THE MARTIANS ARE COMING

From World Radio

As a Novice Amateur Radio operator, I was an Electronics Warfare Officer on an EB-47 USAF SAC bomber crew. My EW crew mate was a Non-Com sergeant. While on seven-day ground alerts, our underground bedrooms were next to each other. At times, late into the night, I would practice my code, sometimes without headphones.

One morning at breakfast, my crewmate told me that he had a dream during twilight sleep where he dreamed he heard Martians trying to contact earth by Morse code! I hated to spoil his dream by having to tell him the truth.

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NO EMC LINK TO CANCER

From the Amateur Radio Newsline

Six years of research have produced little hard evidence that the magnetic fields around electric power lines cause cancer yet some lingering concerns remain. This is the gist of a National Institutes of Health report released on Tuesday, June 15th.

The report says that there has been some small statistical associations between magnetic fields and childhood leukemia as well as chronic lymphocytic leukemia in adults exposed to the fields through their work. But says the report, there is little confirmable documentation to make any valid connection between the two.

The report indicates that research is continuing in the area of these lingering concerns. Also, that until we know a lot more, efforts to reduce human exposure to all electromagnetic fields should continue.

NOT A BORING PLACE TO BE

By Julia Landers

Hang out for the bored spouse, AKA the Ladies Hospitality Suite, turned out to be a hopping place at SeaPac this year.

On Friday night there was coffee and cookies to munch while you either made rose buds, or a gift box from greeting cards, or just watched. We had one gentleman make a cute gift box and a beautiful rose bud for a very special friend. He was delighted and we were all sure that his friend was too. All kinds of terrific gift boxes, along with several rose buds were made during the evening.

Saturday started with coffee, donuts and the painting seminar put on by Julie Landers. Many painted shirts were made and a couple of ladies decorated totes. They all learned that the end of the celery stalk is shaped like a rose that can be used as a stamp.

We had approximately thirty-five attendees at the seminar on the 72 hour disaster kits. Frank Oulman, from Safe-T-Tek, Inc., did a wonderful job. Thank you Frank for a good time and so much useful information.

Mary Kay cosmetics made five lucky ladies feel like new with a makeover. We all learned several helpful hints on choosing colors as well as how to apply it. We all got to use the silky hand care treatment to soften and moisturize our hands.

Our recipe swap and book exchange went very well. If you timed it right you could have had samples of two of the recipes, sausage cheese balls and lemon pineapple pie.

A couple traveling across the states on vacation from Georgia, saw the ad for SeaPac in QST. They were going to be in the area so they stopped in for the convention. She wrote down her recipe from memory to share. Not sure if all of the ingredients were listed, she walked to the grocery store. Picked up what was needed. Went back to the RV and made two pies for all of us to enjoy - Yummm. She even brought paper plates and forks.

A thank you to all who stopped in for free popcorn, to visit and attend the seminars. We have several exciting ideas for next year already and welcome any suggestions to make this Hospitality Suite a place for men and women to come and take a load off their feet. See you at SeaPac 2000.

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FOR SALE

Startek Frequency Counter, Model ATH 30 2.8 Ghz

With Ni-Cads, Case and Antenna.

A \$323 Value for only \$199.

Call Brad, N7NVC, at 348-3990 Cell or (503) 368-7309

**This space reserved for your
Want ad or For Sale ad
in next months
newsletter!**

LATE BREAKING NEWS - TOWER BILL AWAITING GOVS SIGNATURE

From The ARRL Letter, by Marshall, KK7CW (June 25)

Oregon antenna bill goes to governor for signature.

Oregon's Amateur Radio antenna legislation dealing with FCC opinion and order PRB-1 has cleared the state legislature and now goes to Gov John Kitzhaber for his signature.

Support for the bill - known as Senate Bill 879 - was strong. The measure passed the state Senate 26-0 and the House of Representatives on a 53-3 vote. Unlike similar state statutes, the Oregon bill does not specifically reference PRB-1, the limited federal preemption. Instead, it informs state and local planners and government officials that Amateur Radio antennas and/or support structures are essentially outside their oversight if the structure is 70 feet or less.

The Valley Radio Club of Eugene/Springfield, Bob Shelby, W7FPY, and several ARRL Northwestern Division and Oregon Section team leaders have been involved in moving the legislation through the legislature.

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HAMFESTS AND CONVENTIONS

From Greg, W7OZ, NW Division Director

- July 16-18 Montana State Convention, East Glacier, MT
Darrell Thomas, N7KOR, 743 33rd Ave. NE,
Great Falls, MT 59404-1254
406-453-8574 E-mail: n7kor@mcn.net
- July 30-Aug Pacific Northwest DX Convention, Portland,
OR Willamette Valley DX Club
Al Rovner, K7AR, 18809 NE 21st St.,
Vancouver, WA 98684 360-256-7437
E-mail: alanr@pacifier.com
- July 31 Coos County ARC, Bandon, OR
Brian Howard, W7MLT, 1107 Roseburg Rd.,
Myrtle Point, OR 97458 541-572-5623
E-mail: w7mlt@usa.net

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(Continued from page 7 - HAMFESTS AND CONVENTIONS)

- August 7-8 Eastern Washington Section Convention, Spokane, WA Neil Gallup, N7LVO, 9806 East Crossbow Ct., Spokane, WA 99206 509-928-7442 E-mail: n7lvo@cet.com
- August 21 Lower Columbia ARA, Longview, WA Bob Morehouse, KB7ADO, 2437 Allen St., Kelso, WA 98626 360-425-6076 (after 6 PM weekdays) E-mail: kb7ado@aol.com
- September 11 Radio Club of Tacoma, Puyallup, WA Roger Terwilliger, WA7ANJ, 5402 East "K" St., Tacoma, WA 98404-2615 253-475-4293 E-mail: RTWIG@worldnet.att.net
- September 25 Walla Walla Valley ARC, Walla Walla, WA Jack Babbitt, Sr., WA5ZAY, PO Box 951, Walla Walla, WA 99362 509-525-7003 E-mail: wa5zay@valint.net
- October 9 North Kitsap at Silverdale, WA
- October 16 Gallatin Ham Radio Club, Bozeman, MT Laura Marino Lubner, KJ7UN, PO Box 4381, Bozeman, MT 59772 406-586-6659 (Don Wilson, KC7EWZ) E-mail: hrc@bigfoot.com
- October 17 Chehalis Valley ARS, Chehalis, WA Bill Harwell, KC7QHJ, 362 SW Chehalis Ave., Chehalis, WA 98532 360-748-8086 E-mail: bharwell@localaccess.com
- October 23 Salem Club, Rickreall, OR
- October 30 Bellingham, WA

Year 2000

- April 8 Lilac City ARC, Spokane, WA Warren Kelsey, KJ7BB, 1405 South Crestline, Spokane, WA 99203 509-534-8443
- May 19-21 ARRL National Convention, Dayton, OH Dayton ARA, Dave Coons, WT8W 932 Hedwick St., New Carlisle, OH 45344 937-849-0604 E-mail: wt8w@arrl.org
- June 1-4 Northwestern Division Convention, Seaside, OR Randy Stimson, KZ7T 9890 SW Inglewood St., Portland, OR 97225 503-297-1175

OTVARC

TRAVELERS JULY OUTING

By Betty, N7REX

The Travelers RV group will be heading north up I-5 to Skamokawa, WA for their monthly outing on July 16, 17, & 18, 1999. As noted in the "President's Message" on the cover, this is the annual BBQ Campout. Check the map for directions on how to get there. After reaching Skamokawa, go on through town (it's a very small town) and turn left at the park sign just past the bridge.

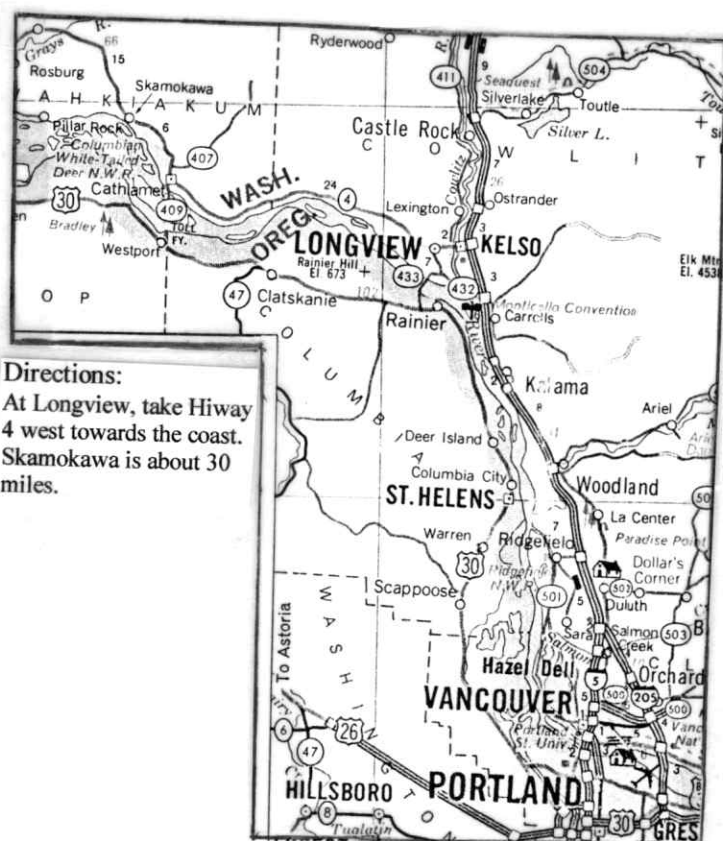
Skamokawa Vista Park is located on the shores of the Columbia River, 30 miles from the Pacific Ocean. Covering 28 acres, it is the former site of the old Skamokawa Grade School, torn down in 1973. The area was once the home of the Wahkiakums tribe of Indians.

Lewis and Clark passed through here on their way to the Pacific Ocean in 1805. Skamokawa itself was the name of the Chief of the Wahkiakums, and means "Smoke-on-the-Water", due to morning fog. In 1976, Skamokawa was named a Historic District and placed on the State and National Registers of Historic Places.

Many facilities are available at the park: besides camping, visitors may enjoy the Skamokawa Library, tennis and other racquet sports, basketball, baseball and a large play field, walking paths and viewpoint. Tot lots (playgrounds) are located in the camping and picnic areas. A boat launching facility is connected with the park. Fishing and other water related activities are popular.

For info call Roger or Marvel Noyes at 292-3261.

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OTVARC Club Contacts

OTVARC Executive Board

President	Betty Mickley	N7REX	642-1284
Vice President	J.D. Fort	K7JDF	259-0269
Secretary	Mike McDonald	KC7YSW	692-5893
Treasurer	Hanford Van Ness	KE7BB	246-7975
Trustee	Jack Smithson	KA7HOJ	646-1873
Trustee	Will Sheffield	N7THL	642-7314
Trustee	Janet Bell	WB7FJC	648-4147
Trustee	Al Berg	W7SIC	640-5456
Trustee	Maureen O'Rourke	KA7LAP	591-9641

Other Club Contacts

ARRL Coordinator	Bob Orr	WF7Q	472-2716
Bunny Hunting	OPEN		
Contesting	OPEN		
DX News	OPEN		
Equipment Loan	Stan Griffiths	W7NI	649-0837
Equipment Valuation	Randy Stimson	KZ7T	297-1175
Equipment Trustee	Al Berg	W7SIC	640-5456
Emergency Services	J.D. Fort	K7JDF	259-0269
Field Day Coordinator	Harold Landers	WA0BRU	646-1546
	Jack Smithson	KA7HOJ	646-1873
Health & Welfare	Mary Berg	N7TRW	640-5456
Historian	Al Berg	W7SIC	640-5456
Internet Home Page	Mike Boyd	N7DKQ	640-6041
Member Badges	Carl Clawson	WS7L	629-5796
Newsletter Editor	Dale LeBarron	W7FBP	638-7768
Newsletter Layout	Dale LeBarron	W7FBP	638-7768
Newsletter Distribution	Al Berg	W7SIC	640-5456
Nominating Committee	OPEN		
Packet - Club BBS	Rick Braun	KB7OGD	645-1490
Project Night	Alan Chinnock	KB7POR	636-2237
	OPEN		
Public Relations	J.D. Fort	K7JDF	259-0269
Public Service	Randy Stimson	KZ7T	297-1175
Repeater	Wes Allen	K7WWG	649-3295
RFI & TVI	Dale Mosby	K7FW	640-0217
Satellites	OPEN		
Scholarship	Carl Clawson	WS7L	629-5796
Sea-Pac	Al Berg	W7SIC	640-5456
"	Brad Beach	N7NVC	657-1781
"	Jim Schaeffer	KB7ADH	245-2518
"	Randy Stimson	KZ7T	297-1175
"	Will Sheffield	N7THL	642-7314
Station Trustee	Hanford Van Ness	KE7BB	246-7975
Social	Harold Landers	WA0BRU	646-1546
Technical Specialist	Stan Griffiths	W7NI	649-0837
Tower Ordinances	Greg Milnes	W7OZ	648-6990
Trailer	Dee Lynch	KA7NPN	646-4580
Training(code)	Burt Rooke(PCC)	K17JX	241-2891
Training(Novice/Tech)	Jim Mockley	AB7XD	629-9354
Training(upgrade)	OPEN		
VE Test Coordinator	Carl Clawson	WS7L	629-5796
VHF/UHF	Arnold Jensen	N7YAG	543-3713

Purpose: The Oregon Tualatin Valley Amateur Radio Club, a Not-for-profit corporation, wants to be instrumental in helping the prospective as

OTVARC Club Information

well as established Amateur to become a proficient communicator in the Amateur Radio Service.

Additionally, the intent is to promote the advancement of Amateur Radio Service, through the following five objectives:

1. Education & Training of new and licensed Amateurs.
2. Public Service during public events & community activities.
3. Emergency communications during emergencies & disasters.
4. Hobby enhancement through meetings, nets & contests.
5. Social contact with other amateurs & interested persons.

Special Service Club: OTVARC is an ARRL Special Service Club. The ARRL grants us this distinction due to our participation in emergency preparedness exercises, public service events and other service-oriented programs. In addition, continuing educational and training programs are conducted for FCC licenses. OTVARC benefits from you joining the ARRL through OTVARC. To join or renew your membership in the ARRL, contact the treasurer at any regular meeting.

Newsletter: The *OTVARC Oscillator* is the club newsletter. It is published monthly and is usually mailed on the first of the month. The opinions, views, and recommendations of its contributors are not necessarily those of the club, its officers, advertisers or the editorial staff.

Correspondence: All correspondence may be sent to OTVARC, PO Box 5132, Aloha, OR 97006-0132.

Advertising: Classified ads are free to all paid up members. Display ads are available to approved commercial interests. To place an ad, mail your camera ready copy to the address above and indicate the size desired. All display ads run for six months at a time, from January through June and July through December. All ads must be paid for in advance. Rates are as follows:

Full page	8" X 10"	\$200 for six months
Half page	8" X 5"	\$120 for six months
Qtr page	4" X 5"	\$72 for six months
Bus.Card	2" X 3"	\$36 for six months

Meetings: We have two meetings per month. The board meeting is on the fourth Wednesday of each month. All club business is conducted at this meeting. All members are welcome to attend. Contact the President for location and time. The general meeting is on the second Wednesday of each month at the Beaverton Elks Lodge. 3500 SW 104th Ave. (1 block north of Canyon Road). Meetings start at 7PM. If you would like to come early, you can get a nice meal from the Elks for less than \$6.00.

Membership: OTVARC is open to anyone who is interested in amateur radio. You do not need to be a licensed radio amateur to join. Dues are as follows: Full member, \$10/yr; Associate member (non-licensed), \$10/yr; Family members of full member, \$5/yr; Life memberships available - see the Treasurer. Only full members and life members may vote on club business and serve as club officers. All memberships expire on the last day of the calendar year. If you would like to join during the year, see the club treasurer for prorated dues.

How to join: Simply mail the Membership application and/or renewal form along with your dues to the address above.

Internet Home Page: WWW.OTVARC.ORG

Editor's E-mail: daleleba@web-ster.com

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5456.

FOR SALE

Due to laser printer problems at the last minute, the bottom of each page is
lacking the usual information. The alternate printer, an Inkjet, does not
provide a bottom margin as large as the laser. Sorry for the poor appearance
of the newsletter this month.
Your Editor.

TO ALL READERS -

OTVARC

Oregon Tualatin Valley ARC

PO Box 5132

Aloha, OR 97006-0132

Address Correction Requested



DATES TO REMEMBER

July 14TH - Meeting night

July 17TH - Travelers BBQ at
Skamakawa, WA